

Standardized Test Prep

Reading Comprehension Read the passage below, then answer the questions on the basis of what is *stated* or *implied* in the passage.

Instructions for Building the Rainbow Toy Chest

Use $\frac{3}{4}$ -in.-thick plywood.

- Cut the top and bottom 18 in. by 42 in.
Paint the top red and the bottom violet.

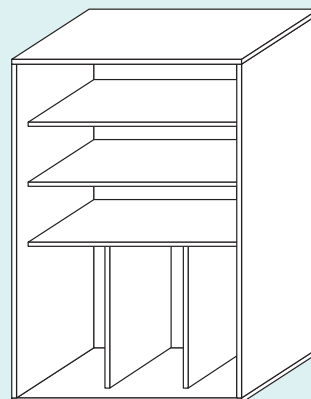
Use $\frac{1}{2}$ -in.-thick plywood.

- Cut the two sides 18 in. by 60 in.
Paint: left side brown, right side white.
- Cut the three shelves 15 in. by 41 in.
Paint: top orange, middle yellow, bottom green.
- Cut the two dividers 24 in. by 15 in.
Paint: left blue, right indigo.

Use particleboard.

- Cut the back 41 in. by 60 in. Paint the back gray.

Assemble the painted pieces using nails and glue.



1. How many pieces must be cut to make the chest?

A. 5 B. 7 C. 9 D. 10

2. What is the shape of each piece?

F. square G. rectangular
H. round I. cannot be determined

3. Which uses thicker wood, a divider or the top?

A. divider B. top
C. same thickness D. cannot be determined

Assume that the toy chest has been assembled.

4. Take the top of the bookshelf as the first horizontal surface and count downward. What is the color of the fourth surface down?

F. white G. yellow H. green I. blue

5. Which corners are NOT coplanar?

A. the four corners of the right side
B. the two top corners of the left side and the two front corners of the bottom
C. the two top corners of the right side and the two bottom corners of the left side
D. the two front corners of the top and the two back corners of the bottom

6. Where do the violet board and the particleboard meet?

F. the front edge of the violet board
G. the back edge of the left side
H. the right edge of the bottom
I. the bottom edge of the back

7. Which edge is skew to the front edge of the orange board?

A. the left edge of the orange board
B. the top edge of the white board
C. the back edge of the yellow board
D. the front edge of the middle shelf

8. What are the colors of two boards that are NOT perpendicular?

F. blue and gray G. indigo and violet
H. blue and white I. yellow and brown

9. How tall is the toy chest?

10. What is the area of the top?

11. What is the perimeter of the front?

12. The back edge of each shelf touches the back of the chest. How far "recessed" is the front edge of a shelf from the front edge of a side?